Substitute	· 60=	Form	1440	A	g.	R/PTA

Sheet



of 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

3	DT05.Bec	MODIFIED PTO/SB/08 A & B (06-03)	1
I		ete if Known National Stage Entry of	
	Application Number	PCT/JP03/12328	
l	Confirmation Number	Not yet assigned	
Į	Filing Date	October 18, 2004	
	First Named Inventor	Masato MACHIDA	
	Art Unit	Not yet assigned 1753	
	Examiner Name	Not yet assigned Jeff Yakul	Ĺε
	Attorney Docket Number	O83987	1

	U.S. PATENT DOCUMENTS									
		Document N	lumber							
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentce or Applicant of Cited Document					
	•	US								
		US								
		US								
		US								
		US		Ì						
		US								
		US								
		US								
		US	1							

			F	DREIGN PA	TENT DOCUM	ENTS	
Examiner	Cite	Fo	reign Patent Docum	ient	Publication Date	Name of Patentee or	
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
/J.Y./		ЛР	06-007642	Α	1/18/1994	TOYOTA CENTRAL RES & DEV LAB INC	Abstract
		JР	08-168673	A	7/2/1996	AGENCY OF IND SCIENCE & TECHNOL	Abstract
		л	07-246318	А	9/26/1995	TOYOTA CENTRAL RES & DEV LAB INC	Abstract
		лР	2002-204960	A	7/23/2002	ISUZU CERAMICS RES INST CO LTD	Abstract
		JР	2002-186827	Ä	7/2/2002	MITSUBISHI ELECTRIC CORP	Abstract
V		Ъ.	09-099213	A	4/15/1997	SEKIYU SANGYO KASSEIKA CENTER	Abstract
			<u> </u>				
							
			<u> </u>	<u> </u>			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
			上

	₂	
Examiner Signature	/Jeffrey Yakulis/	Date Considered 07/25/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

10511679

PTO/SB/08a (08-03.)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number

			Filing Date .			2004-10-18						
		TION DISCLOSE		First N	lamed li	nventor	Masa	nto MACHIDA				
		NT BY APPLICA		Art Un	ilt			1784 1753				
(NOT TOP E	imoni	ission under 37 CFR 1	99)	Exami	ner Nar	ne	NOL 1	fet Assigned J	eff	Yakulis		
				Attorn	ey Dock	et Numb	er	Q83987				
					U.S.F	ATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	lasue D	ate	Name of of cited E		ntee or Applicant nent	Relev	s,Columns,Lines where ant Passages or Relevi es Appear	ant	
/J.Y./	1	5352337	A	1994-10	1994-10-04 Kobayashi et al.							
If you wish	to ac	dd additional U.S. Pate	nt citatio	n Inform	ation pl	ease click	the A	add button.				
			U.S.P	ATENT	APPLIC	CATION F	VUBL	CATIONS				
Examiner Initial*	Cite No	Publication Number	Kind Code1				Release or Applicant Release			s,Columns,Lines where rant Passages or Relevies es Appear		
,	1		-									
If you wisi	h to a	dd additional U.S. Publ	ished A	plication	n citation	n Informat	tion pl	ease click the Ad	d butto	n.		
-				FORE	GN PAT	ENT DO	CUME	NTS				
Examiner Initial*	Cite No	Foreign Document Numbers	Countr Code ²		Kind Code ⁴	Publicati Date	on	Name of Patente Applicant of cited Document		Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	TS	
	1	7-246318	UP		^	1995-09-	20	Toyota Central Res & Development Lai				
<u> </u>	2	8-100070	JP -		^	1990-07-	02	Agency of Industria Science & Technol			С	

NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISGLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10511679	
Filing Date		2004-10-18	
First Named Inventor	Mass	ato MACHIDA	
Art Unit		1764 1753	
Examiner Name	Not-	YetAssigned Jeff Yakulis	
Attorney Docket Numb	er	Q83987 ·	

Examiner Initials*	Examiner No Cite No Cite No Cite author (in CAPITAL LETTERS), title of the article (when appropriate), title of the ltem (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						
	1				,		
If you wis	n to ac	d addit	lonal non-patent literature document citat	ion information please click the Add i	outton		
		****	EXAMINER	SIGNATURE			
Examiner	Signa	ture	/Jeffrey Yakulis/	Date Considered	07/25/2007		
*EXAMIN citation if	ER: In	itial If re	eference considered, whether or not citati nance and not considered. Include copy	on is in conformance with MPEP 609 of this form with next communication	. Draw line through a to applicant.		
Standard ST	r,3). * F cument	For Japan by the ap	Patent <u>Pocuments at www.USPTO.GOV</u> or MPEP ese patent documents, the indication of the year of propriate symbols as indicated on the document ur is attached.	the relan of the Emperor must precede the se	nai number of the patent co-	cument	

		םווחב
Substitute for Form 1449 A & B/PTO	MON O.	£/
INFORMATION	DISCH	SURE
STATEMENT B	Y APPLI	CANT

Sheet

Complete if Known

Application Number 10/511,679

Confirmation Number 6368

Filing Date October 18, 2004

First Named Inventor Masato MACHIDA

Art Unit 1764 1753

Examiner Name not yet assigned Jeff Yakuli s

Attorney Docket Number Q83987

(use as many sheets as necessary)

of

U.S. PATENT DOCUMENTS Document Number **Publication Date** Examiner Cite Name of Patentee or Applicant of Cited Document Kind Code² MM-DD-YYYY No.1 Initials* Number (if known) Plog et al. 7J.Y.*l* US 6,015,483 01-18-2000 Α 7J.Y.İ US 5,707,509 01-13-1998 Hartweg Α US US US US US US US

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Fo	reign Patent Docu	ment	Publication Date	Name of Patentee or	m taka f				
Initials*	No.	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶				
/J.Y./		DE	3644090	Al	07-07-1998	BBC Brown Boveri AG	по				
			ļ								
		ļ		- 							
											
											
			 		-						
	-		<u> </u>	-							
		· · · · · · · · · · · · · · · · · · ·		1							

NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No.1								
			-						
									

	/Jeffrey Yakulis/	But Comittee	07/25/2007
Examiner Signature	700mcy rakanor	Date Considered	0112012001

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). ¹See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ¹Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.